

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1-23. (Cancelled)

24. (Original) An isolated nucleic acid sequence encoding the sequence of BnSCL1 (SEQ ID NO:81).

25. (Currently Amended) ~~An~~ The isolated nucleic acid sequence of claim 24, encoding amino acids 1 to 358 of SEQ ID NO:81.

26. (Currently Amended) ~~An~~ The isolated nucleic acid sequence of claim 24, encoding amino acids 1 to 261 of SEQ ID NO:81.

27. (Currently Amended) ~~An~~ The isolated nucleic acid sequence of claim 24, encoding amino acids 1 to 217 of SEQ ID NO:81.

28. (Currently Amended) ~~An~~ The isolated nucleic acid sequence of claim 24, encoding amino acids 146 to 358 of SEQ ID NO:81.

29 – 42. (Cancelled)

43. (New) A construct comprising the isolated nucleic acid of claim 24 operatively linked with a regulatory region.

44. (New) A construct comprising the isolated nucleic acid of claim 24 operatively linked with a regulatory region, wherein the isolated nucleic acid is selected from the group consisting of 1 to 358 of SEQ ID NO:81, 1 to 261 of SEQ ID NO:81, 1 to 217 of SEQ ID NO:81, and 146 to 358 of SEQ ID NO:81.

45 (New) The construct of claim 43, wherein the isolated nucleic acid further comprises a DNA binding protein.

46. (New) The construct of claim 43, wherein the isolated nucleic acid further comprises a DNA binding protein, and the isolated nucleic acid is selected from the group consisting of 1 to 358 of SEQ ID NO:81, 1 to 261 of SEQ ID NO:81, 1 to 217 of SEQ ID NO:81, and 146 to 358 of SEQ ID NO:81.

47. (New) A transgenic plant comprising the construct of claim 43.

48. (New) A transgenic plant comprising the construct of claim 44.

49. (New) A transgenic plant comprising the construct of claim 45.

50. (New) A transgenic plant comprising the construct of claim 46.